

**DEPARTMENT OF TRANSPORTATION**  
**DIVISION OF ENGINEERING SERVICES**  
OFFICE ENGINEER, MS 43  
1727 30<sup>TH</sup> STREET  
P.O. BOX 168041  
SACRAMENTO, CA 95816-8041  
FAX (916) 227-6214  
TTY (916) 227-8454



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**\*\* WARNING \*\* WARNING \*\* WARNING \*\* WARNING \*\***  
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December 28, 2005

01-Men-1-R16.4/R18.1  
01-307904

Addendum No. 1

Dear Contractor:

This addendum is being issued to the contract for construction on State highway in MENDOCINO COUNTY NEAR POINT ARENA FROM 1.7 KM TO 0.1 KM SOUTH OF SCHOONER GULCH BRIDGE.

Submit bids for this work with the understanding and full consideration of this addendum. The revisions declared in this addendum are an essential part of the contract.

Bids for this work will be opened on January 10, 2006.

This addendum is being issued to revise the Project Plans, the Notice to Contractors and Special Provisions and the Proposal and Contract.

Project Plan Sheets 4, 5, 6, 7, 8, and 45 are revised. Half-sized copies of the revised sheets are attached for substitution for the like-numbered sheets.

In the Special Provisions, the "Structures Registered Civil Engineer" seal is replaced as attached.

In the Special Provisions, Section 5-1.21 "ENVIRONMENTALLY SENSITIVE AREA," the third paragraph is revised as follows:

"Prior to beginning work, the boundaries of the ESA shall be clearly delineated by the placement of Temporary Fence (Type ESA)."

In the Special Provisions, Section 10-1.00, "CONSTRUCTION PROJECT INFORMATION SIGNS," the fourth paragraph is revised as follows:

"The sign message to be used for fund types shall consist of the following,

STATE HIGHWAY FUNDS
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In the Special Provisions, Section 10-1.01, "ORDER OF WORK," the seventh paragraph is deleted.

In the Special Provisions, Section 10-1.01, "ORDER OF WORK," the tenth paragraph is revised as follows:

"Attention is directed to "Environmentally Sensitive Area" and "Temporary Fence (Type ESA)" of these special provisions. Prior to beginning work, the boundaries of the Environmentally Sensitive Areas (ESA) shall be clearly delineated in the field. The boundaries shall be delineated by the installation of Temporary Fence (Type ESA)."

In the Special Provisions, Section 10-1.065, "TEMPORARY FENCE (TYPE ESA)," is added as attached.

In the Special Provisions, Section 10-1.08, "PROGRESS SCHEDULE (CRITICAL PATH METHOD)," in subsection "COMPUTER SOFTWARE," the first paragraph is revised as follows:

"The Contractor shall submit to the Engineer for approval a description of proposed software before delivery. The software shall be the current version of Primavera SureTrak Project Manager for Windows, or equal, and shall be compatible with Windows 2000 operating system. If software other than SureTrak is proposed, it shall be capable of generating files that can be imported into SureTrak."

In the Special Provisions, Section 10-1.21, "EARTHWORK," the first sentence of the tenth paragraph is revised as follows:

"The Contractor shall compact the ground surface on which embankment is to be constructed before placing embankment material thereon."

In the Proposal and Contract, the Engineer's Estimate, Items 63 and 64 are added and Item 62 is deleted as attached.

To Proposal and Contract book holders:

Replace page 6 of the Engineer's Estimate in the Proposal with the attached revised page 6 of the Engineer's Estimate. The revised Engineer's Estimate is to be used in the bid.

Inquiries or questions in regard to this addendum must be communicated as a bidder inquiry and must be made as noted in the NOTICE TO CONTRACTORS section of the Notice to Contractors and Special Provisions.

Indicate receipt of this addendum by filling in the number of this addendum in the space provided on the signature page of the proposal.

Submit bids in the Proposal and Contract book you now possess. Holders who have already mailed their book will be contacted to arrange for the return of their book.

Inform subcontractors and suppliers as necessary.

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This office is sending this addendum by UPS overnight mail to Proposal and Contract book holders to ensure that each receives it. A copy of this addendum is available for the contractor's use on the Internet Site:

**[http://www.dot.ca.gov/hq/esc/oe/weekly\\_ads/addendum\\_page.html](http://www.dot.ca.gov/hq/esc/oe/weekly_ads/addendum_page.html)**

If you are not a Proposal and Contract book holder, but request a book to bid on this project, you must comply with the requirements of this letter before submitting your bid.

Sincerely,

ORIGINAL SIGNED BY

REBECCA D. HARNAGEL, Chief  
Office of Plans, Specifications & Estimates  
Office Engineer

Attachments

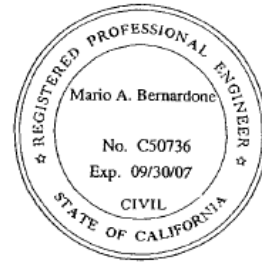
# CONTRACT NO. 01-307904

The special provisions contained herein  
have been prepared by or under the  
direction of the following  
Registered Persons.

## STRUCTURES

Mario A. Bernardone  
Registered Civil Engineer

4-25-05  
Date



#### **10-1.065 TEMPORARY FENCE (TYPE ESA)**

Temporary fence (Type ESA) shall be furnished, installed, maintained, and later removed in conformance with the details shown on the plans, as specified in these special provisions and as directed by the Engineer.

#### **MATERIALS**

Used materials may be installed provided the used materials conform to these special provisions. Materials for temporary fence (Type ESA) shall conform to the following:

##### **High Visibility Fabric**

High visibility fabric shall be machine produced, orange colored mesh manufactured from polypropylene or polyethylene. High visibility fabric may be made of recycled materials. Materials shall not contain biodegradable filler materials that can degrade the physical or chemical characteristics of the finished fabric. High visibility fabric shall be fully stabilized ultraviolet resistant, shall be a minimum of 1.22 m in width with a maximum mesh opening of 50 mm x 50 mm. High visibility fabric shall be furnished in one continuous width and shall not be spliced to conform to the specified width dimension.

##### **Posts**

Posts for temporary fence (Type ESA) shall be of one of the following:

- A. Wood posts shall be fir or pine, shall have a minimum cross section of 50 mm x 50 mm, and a minimum length of 1.6 m. The end of the post to be embedded in the soil shall be pointed. Wood posts shall not be treated with wood preservative.
- B. Steel posts shall have a "U", "T", "L" or other cross sectional shape that resists failure by lateral loads. Steel posts shall have a minimum mass per length of 1.1 kg/m and a minimum length of 1.6 m. One end of the steel post shall be pointed and the other end shall have a high visibility colored top.

##### **Fasteners**

Fasteners for attaching high visibility fabric to the posts shall be as follows:

- A. The high visibility fabric shall be attached to wooden posts with commercial quality nails or staples, or as recommended by the manufacturer or supplier.
- B. Tie wire or locking plastic fasteners shall be used for attaching the high visibility fabric to steel posts. Maximum spacing of tie wire or fasteners shall be 600 mm along the length of the steel post.

#### **INSTALLATION**

Temporary fence (Type ESA) shall be installed as follows:

- A. All fence construction activities shall be conducted from outside the ESA as shown on the plans or as staked.
- B. Posts shall be embedded in the soil a minimum of 380 mm. Post spacing shall be 2.5 m maximum from center to center and shall at all times support the fence in a vertical position.
- C. Temporary fence (Type ESA) shall be constructed prior to clearing and grubbing work, shall enclose the foliage canopy (drip line) of protected plants, and shall not encroach upon visible roots of the plants.
- D. Parking, storage, disposal, staging and other construction activities are prohibited within the ESA: however, if it is necessary to carry out construction activities inside the ESA, this is permissible provided the following conditions are met:
  - a. Work inside the ESA is monitored by a Caltrans biologist
  - b. Work takes place between June 15<sup>th</sup> and October 15<sup>th</sup>
  - c. ESA fencing is re-installed immediately upon completion of the construction activity
  - d. Equipment is operated on mats when within the USACE wetlands and when in wet areas within the Coastal Zone wetland.

When Type ESA temporary fence is no longer required, as determined by the Engineer, the temporary fence shall become the property of the Contractor and shall be removed and disposed of in conformance with the provisions in Section 7-1.13, "Disposal of Material Outside the Highway Right of Way," of the Standard Specifications, except when reused as provided in this section.

Holes caused by the removal of temporary fence (Type ESA) shall be backfilled in conformance with the provisions in Section 15-1.02, "Preservation of Property," of the Standard Specifications.

#### **MAINTENANCE**

Temporary fence (Type ESA) that is damaged during the progress of the work shall be repaired or replaced by the Contractor the same day the damage occurs.

#### **MEASUREMENT AND PAYMENT**

Temporary fence (Type ESA) shall be measured and paid for in the same manner specified for permanent fence as provided in Section 80, "Fences," of the Standard Specifications.

Full compensation for maintaining, removing, and disposing of temporary fence (Type ESA) shall be considered as included in the contract price paid per meter for temporary fence (Type ESA) and no additional compensation will be allowed therefor.

**ENGINEER'S ESTIMATE**  
**01-307904**

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
61 (S)	850111	PAVEMENT MARKER (RETROREFLECTIVE)	EA	220		
62	BLANK					
63	071325	TEMPORARY FENCE (TYPE ESA)	M	2100		
64	999990	MOBILIZATION	LS	LUMP SUM	LUMP SUM	

**TOTAL BID:** \_\_\_\_\_